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ABSTRACT

This report describes faculty teaching load for fall 1977 in the Hawaii community college system as measured in terms of average semester hours taught, average hours in contact with students, and class size. The data were based on students registered in regular credit programs in the system. A general decrease in the number of courses, semester hours, student registrations, student semester hours and contact hours was noted, reflecting a drop in enrollment of 1% and an increase in the proportion of part-time students (44%). Average class size was smaller, with larger average size in general education courses than in vocational education courses. Faculty teaching figures indicated: the heaviest teaching load since 1973 in terms of average semester hours taught, with 13.5 for the system and 13.2-13.9 by campus; a generally heavier teaching load in terms of weekly instructor contact hours, with 16.8 for the system and 13.9-19.5 by campus; a slight decline in productivity ratios for the system; an unchanged faculty/student ratio of 1:23. Tabular data on courses, classes, semester and contact hours, average class size by program, average semester and contact hours taught, productivity, faculty/student ratios, and faculty headcounts and full-time equivalents are included for each college and for the system. (LH)

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University of Hawaii
Office of the Chancellor for Community Colleges
Educational Services Division

CC-IRP 107

December 1977

FACULTY TEACHING LOAD
COMMUNITY COLLEGES
FALL 1977

Introduction

This report on faculty teaching load describes only one aspect of the instructor's workload: teaching load, i.e., the actual classroom situation as measured in terms of average semester hours taught, average hours in contact with students, class size, etc. (The total workload of the instructor would include many other professional activities such as responding to various community requests, engaging in departmental research, advising students, attending faculty committee meetings, etc.)

Sources of Data

SIS Computer Report 3010 and 3011 series (Course Registration Reports), which provide raw and summary data on faculty-student workload based on student semester hours, were used as the primary documents for this report. (Data for these reports were abstracted from students' class registration data.) Computer Reports 3030 (Schedule of Classes list) and Faculty-Staff Information System (FSIS) reports were used as reference points. The deans of instruction were also consulted for certain information regarding lecturers and instructors on overload and their schedules of classes.

Population Included

The information for this report is based on registration data including the following groups of students registered in the regular credit programs in seven community colleges: classified and unclassified students, early admittees, concurrent registrants, and other special students whose registration records are processed through the SIS. All computer reports are as of early October. The data have been "updated" since and where possible, certain changes have been made.

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Adjustments

Equivalent credits were established for classes with variable credits. The methodology differed, however, depending upon the kind of classes under consideration, e.g., directed studies, cooperative education, etc. (See Appendix A, Definitions.)

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Highlights

1. A general decrease in the number of courses, semester hours, student registrations, student semester hours and contact hours is noted for this fall (Table 1). To a large measure, these decreases reflect the drop in enrollment (1 percent) and, further, the increase in the proportion of part-time students (44% this fall compared to 42% last fall).

2. The number and proportion of classes with 10 or fewer students decreased for the system and at several colleges. (Table II)

   a. Systemwide, the 152 "low enrollment" classes is 20 (12%) less than the 172 reported last fall.

   b. Many of these small classes are held regardless of low enrollment because of graduation requirements, facility limitations, and accreditation requirements especially in the health services, etc.

3. Average class sizes are smaller at most of the colleges. As in the past, average class sizes in general education courses are larger (27 students) than those in vocational education courses (24 students). Average class sizes vary by campus: from 21-29 (Table III).

4. Faculty teaching figures indicate (Table IV):

   a. The "heaviest" teaching load since 1973 in terms of average semester hours taught by instructors: 13.5 for the system, 13.2-13.9 by campus. (Comparable figures for fall 1976: 13.3 for the system, 12.6-13.8 for the colleges.)

   b. A generally heavier teaching load also in terms of weekly instructor contact hours: 16.8 for the system, 13.9-19.5 by campus. (Comparable figures for fall 1976: 16.7 for the system, 13.2-18.6, by campus.)

   c. A slight decline in productivity ratios for the system and at three colleges: 345, system; 277-381, by campus. (Last fall's: 347, system; 253-402, by campus.)

   d. Faculty/student ratio remains the same for the system 1:23. The figures range from 1:18-1:25 by campus.

5. The full-time equivalency (FTE) count of instructors engaged in teaching credit courses this fall is 641.5, 16.9 FTE less than last fall. The headcount of instructors (including lecturers) totals 912, compared to 1,048 in fall 1976. (Table V)

Summary

Instructor's teaching load is heavier in terms of average semester hours taught and average class contact hours. However, reflecting the lighter credit load carried this fall by full-time students and the greater proportion of students enrolled as part-time students, there is a decline in productivity ratios and average class sizes. The number of classes with low enrollments (fewer than 11) also shows a decrease.

TABLE I
COURSES, CLASSES, SEMESTER & CONTACT HOURS
COMMUNITY COLLEGES
FALL 1973-1977

Note: System totals are not comparable between 1975 and previous years. Data on Hawaii Community College were included for the first time in fall 1975.

College and Year	Courses	Classes	Semester Hours	Student Registrations	Student Sem Hours	Contact Hours Instructor	Contact Hours Student
TOTAL							
1973	1,083	2,074	6,032	57,582	166,763	7,530	198,096
1974	1,275	2,276	6,550	61,959	176,707	8,084	210,502
1975	1,653	2,805	8,473	78,948	229,573	NA	
1976	1,777	2,958	8,740	79,334	228,683	11,010	273,592
1977	1,707	2,988	8,686	77,320	221,013	10,784	262,755
HAWAII							
1975	238	283	1,002	6,820	21,353	NA	
1976	262	302	1,023	6,960	22,055	1,333	27,234
1977	225	293	1,002	7,013	21,760	1,436	28,310
HONOLULU							
1973	283	458	1,429	10,782	33,676	1,932	44,923
1974	319	484	1,553	12,322	38,951	2,121	51,598
1975	349	554	1,774	14,795	47,185	NA	
1976	345	579	1,880	16,047	50,318	2,494	70,200
1977	314	574	1,849	15,051	48,163	2,406	62,505
KAPIOLANI							
1973	199	435	1,270	15,072	44,034	1,775	53,324
1974	270	544	1,471	15,754	42,303	1,946	52,976
1975	300	573	1,600	17,916	48,285	NA	
1976	317	584	1,619	18,461	49,678	2,292	58,451
1977	318	607	1,633	17,467	46,862	2,081	56,138
KAUAI							
1973	101	133	441	3,384	10,165	581	12,637
1974	136	157	493	3,488	9,950	663	12,713
1975	178	191	547	4,451	11,940	NA	
1976	199	225	599	4,355	11,360	773	13,712
1977	183	225	577	4,814	11,959	767	14,842
LEEWARD							
1973	260	665	1,986	19,176	55,393	2,083	60,199
1974	279	690	1,970	20,744	59,625	2,157	64,010
1975	298	776	2,294	24,239	71,054	NA	
1976	321	817	2,326	23,226	66,339	2,599	70,165
1977	322	802	2,289	21,686	62,043	2,522	66,613
MAUI							
1973	169	267	669	6,363	15,136	815	18,558
1974	189	264	656	6,092*	15,054*	780	18,093
1975	201	264	765	6,787	17,813	NA	
1976	226	275	795	6,368	17,426	997	21,125
1977	235	315	838	6,914	17,625	1,046	21,649
WINDWARD							
1973	71	116	337	2,845	8,359	345	8,455
1974	82	137	407	3,561	10,624	417	11,112
1975	89	164	491	3,940	11,943	NA	
1976	107	176	498	3,917	11,507	522	12,005
1977	110	172	482**	4,375	12,601	526	12,701

*Includes 34 students' registration data for fall 1974 which were not processed in time for the SER computer reports.

**Includes 18 semester hours scheduled during the eight-week session. Data for the other columns (classes, registrations, SSHs, contact hours) do not reflect input from these additional offerings.

TABLE II
CLASSES WITH TEN OR FEWER STUDENTS
COMMUNITY COLLEGES
FALL 1973 - 1977

Note: System totals are not comparable between 1975 and previous years. Data on Hawaii Community College were included for the first time in fall 1975.

College & Year	No. of Classes	Classes with Ten or Fewer Students No.	Classes with Ten or Fewer Students %
TOTAL			
1973	2,074	123	5.9
1974	2,276	161	7.0
1975	2,805	121	4.3
1976	2,957	172	5.8
1977	2,988	152	5.1
HAWAII			
1975	283	15	5.3
1976	302	22	7.3
1977	293	22	7.5
HONOLULU			
1973	458	40	8.7
1974	484	37	7.6
1975	554	13	2.3
1976	579	12	2.1
1977	574	17	3.0
KAPIOLANI			
1973	435	14	3.2
1974	544	37	6.8
1975	573	31	5.4
1976	584	31	5.3
1977	607	28	4.6
KAUAI			
1973	133	13	9.8
1974	157	27	17.1
1975	191	11	5.8
1976	225	32	14.2
1977	225	22	9.8
LEEWARD			
1973	665	29	4.4
1974	690	25	3.6
1975	776	23	3.0
1976	817	45	5.5
1977	802	43	5.4
MAUI			
1973	267	25	9.3
1974	264	33	12.5
1975	264	20	7.6
1976	275	19	6.9
1977	315	19	6.0
WINDWARD			
1973	116	2	1.7
1974	137	2	1.4
1975	164	8	4.9
1976	176	11	6.3
1977	172	1	0.6

TABLE III
AVERAGE CLASS SIZE, BY PROGRAM*
COMMUNITY COLLEGES
FALL 1973 - 1977

Note: System totals are not comparable between 1975 and previous years. Data on Hawaii Community College were included for the first time in fall 1975.

College and Year	TOTAL	General & Pre-Prof Courses	Vocational-Tech Courses
	Average Class Size	Average Class Size	Average Class Size
TOTAL			
1973	28	29	25
1974*	28	29	2[illegible]
1975*	28	30	26
1976*	27	28	25
1977*	26	27	24
HAWAII			
1975	24	27	23
1976	23	25	21
1977	24	27	21
HONOLULU			
1973	24	26	21
1974	26	27	24
1975	27	27	26
1976	28	29	26
1977	26	28	23
KAPIOLANI			
1973	35	37	32
1974	29	31	27
1975	31	31	30
1976	32	31	32
1977	29	30	28
KAUAI			
1973	25	26	24
1974	22	23	21
1975	23	24	22
1976	19	21	17
1977	21	22	20
LEEWARD			
1973	29	30	25
1974	31	33	27
1975	31	33	26
1976	28	30	25
1977	27	28	24
MAUI			
1973	24	26	20
1974	24	25	23
1975	26	28	22
1976	23	26	20
1977	22	24	20
WINDWARD			
1973	25	24	26
1974	26	26	23
1975	24	24	18
1976	22	23	15
1977	25	26	22

*The computation of average class size for 1974-1977 excludes certain classes such as Directed Studies, Cooperative Education, etc.

TABLE IV
AVERAGE SEMESTER AND CONTACT HOURS TAUGHT,
PRODUCTIVITY AND FACULTY-STUDENT RATIOS
FALL 1973-1977

Note: System totals are not comparable between 1975 and previous years. Data on Hawaii Community College were included for the first time in fall 1975.

College & Year	FTE Instructors	Semester Hours Taught		Productivity Ratio*		Contact Hours		Ratio: FTE Instructor :FTE Students**	
		TOTAL	Average	TOTAL SSH	Average	TOTAL	Ave.	Students	Ratio
TOTAL									
1973	449.4	6,032	13.4	166,763	371	7,530	16.8	11,918	1:27
1974	492.7	6,550	13.3	176,510	358	8,084	16.4	11,600	1:24
1975	647.5	8,473	13.1	229,573	355	NA		15,071	1:23
1976	658.4	8,740	13.3	228,683	347	11,010	16.7	15,056	1:23
1977	641.5	8,689	13.5	221,013	345	10,776	16.8	14,583	1:23
HAWAII									
1975	72.9	1,002	13.7	21,353	293	NA		1,336	1:18
1976	74.4	1,023	13.8	22,055	296	1,333	17.9	1,387	1:19
1977	73.6	1,002	13.6	21,760	296	1,436	19.5	1,386	1:19
HONOLULU									
1973	103.8	1,429	13.8	33,676	324	1,932	18.6	2,346	1:23
1974	113.0	1,553	13.7	38,951	345	2,121	18.8	2,575	1:23
1975	134.3	1,774	13.2	47,185	351	NA		3,130	1:23
1976	140.1	1,880	13.4	50,318	359	2,494	17.8	3,340	1:24
1977	132.6	1,849	13.9	48,163	363	2,406	18.1	3,203	1:24
KAPIOLANI									
1973	101.9	1,270	12.4	44,034	432	1,775	17.4	3,066	1:30
1974	110.9	1,471	13.3	42,303	381	1,946	17.5	2,769	1:25
1975	123.8	1,600	12.9	48,285	390	NA		3,203	1:26
1976	123.5	1,619	13.1	49,678	402	2,292	18.6	3,300	1:27
1977	122.9	1,633	13.3	46,862	381	2,081	16.9	3,114	1:25
KAUAI									
1973	31.9	441	13.8	10,165	319	581	18.2	702	1:22
1974	37.5	493	13.1	9,950	265	663	17.7	642	1:17
1975	41.2	547	13.3	11,940	290	NA		768	1:19
1976	44.9	599	13.3	11,360	253	773	17.2	726	1:16
1977	43.2	577	13.4	11,959	277	767	17.8	771	1:18
LEEWARD									
1973	135.1	1,886	14.0	55,393	410	2,083	15.4	4,167	1:31
1974	148.6	1,970	13.3	59,625	401	2,157	14.5	3,932	1:27
1975	171.3	2,294	13.4	71,054	415	NA		4,703	1:27
1976	172.8	2,326	13.5	66,339	384	2,599	15.0	4,395	1:25
1977	168.9	2,289	13.6	62,043	367	2,522	14.9	4,116	1:24
MAUI									
1973	52.9	669	12.6	15,136	286	815	15.4	1,012	1:19
1974	52.4	656	12.5	14,857	284	780	14.9	974	1:19
1975	65.1	765	11.8	17,813	274	NA		1,145	1:18
1976	63.3	795	12.6	17,426	275	997	15.8	1,154	1:18
1977	62.4	838	13.4	17,625	282	1,046	16.8	1,170	1:19
WINDWARD									
1973	23.8	337	14.2	8,359	351	345	14.5	625	1:26
1974	30.3	407	13.4	10,824	357	417	13.8	707	1:23
1975	38.9	491	12.6	11,943	307	NA		786	1:20
1976	39.4	498	12.6	11,507	292	522	13.2	753	1:19
1977	37.9	500#	13.2	12,601	332	526	13.5	823	1:22

*See Appendix A for definition. Computed by dividing total SSH by FTE instructor.
**FTE count of students based on regular students, only.

#Includes 18 semester hours taught during the second eight week session. (These classes were not scheduled at the October cut-off period for input into the computer. The SSHs and contact hours generated by these additional classes are not reflected in the figures shown above.)

TABLE V
HEAD* AND FTE COUNT, INSTRUCTORS ONLY, BY COLLEGE AND YEAR
COMMUNITY COLLEGES
FALL 1973-1977

Note: System totals are not comparable between 1975 and previous years. Data on Hawaii Community College were included for the first time in fall 1975.

YEAR	TOTAL		HAWAII		HONOLULU		KAPIOLANI		KAUAI		LEEWARD		MAUI		WINDWARD	
	FTE Count	Head-count	FTE Count	Head-count	FTE Count	Head-count	FTE Count	Head-count	FTE Count	Head-count	FTE Count	Head-count	FTE Count	Head-count	FTE Count	Head-count
FALL 1973	449.4	653	NA		103.8	150	101.9	156	31.9	47	135.1	192	52.9	68	23.8	40
1974	492.7	787	NA		113.0	178	110.9	196	37.5	57	148.6	241	52.4	70	30.3	45
1975	647.5	1,015	72.9	105	134.3	205	123.8	211	41.2	59	171.3	282	65.1	90	38.9	63
1976	658.4	1,048	74.4	111	140.1	219	123.5	210	44.9	67	172.8	284	63.3	95	39.4	62
1977	641.5	912	73.6	95	132.6	191	122.9	188	43.2	60	168.9	235	62.4	92	37.9	51

*Duplicated headcount: lecturers teaching at more than one campus are included in the count of each campus they teach. The count of instructors include full- and part-time instructors and division/department chairmen. The FTE count of part-time instructors is reflected as contracted (0.5 for those employed as 50% FTE); the FTE count of division/department chairmen, as 0.7.

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APPENDIX A
DEFINITIONS

1. COURSE: A unit of instruction consisting of recitations, lectures, laboratory sessions, etc., in a particular subject.

   Example: English 100

2. CLASS: A lecture section of one or more students meeting regularly for instruction in a lecture or seminar course.

   Example: Lecture section 39 of English 100

3. SEMESTER HOURS: Semester or semester hour value assigned to each lecture section of each fixed credit course. (Also known as credit hours.)

   Example: Three semester hours for lecture section 39 of English 100

4. STUDENT REGISTRATIONS: Number of students registered in each class, excluding students auditing the class.

   Example: 25 student registrations in lecture section 39 of English 100

5. STUDENT SEMESTER HOURS: Sum of semester hours taken by all students registered in all classes, excluding auditors (SSH).

   Example: 75 student semester hours taken by 25 students in lecture section 39 of English 100 which is a three credit course

6. AVERAGE CLASS SIZE: Student registrations divided by number of classes. (Excludes classes and student registrations in classes such as directed studies, cooperative education.)

7. FTE FACULTY: A count of instructors which is the sum of the following: (a) headcount of all regular full-time instructors (C-scale appointees) assigned to instruction except those designated as division chairmen/coordinators; (b) a count of division chairmen/coordinators based on the equation, one division chairmen=0.7 FTE instructor; (c) a count of part-time instructors based on FTE indicated in SF5B, i.e., 0.50=.5 FTE; (d) a converted count of lecturers, instructors on overload, non-instructional staff teaching a course, instructors teaching in level 5 subject area other than that designated in SF5B. (See Definition 8.)

8. FULL-TIME EQUIVALENT OF: (1) "LECTURERS"; (2) INSTRUCTORS ON "OVERLOAD"; (3) "NON-INSTRUCTIONAL STAFF TEACHING CERTAIN COURSES"; (4) INSTRUCTORS TEACHING IN A LEVEL 5 SUBJECT AREA OTHER THAN THAT DESIGNATED IN SF5B:

   Number of semester hours taught by these four groups divided by 15 credits. (Based on credits instructor is compensated for in the case of "overloads" and lecturers.)

9. FTE STUDENTS: The conversion of full- and part-time students into full-time equivalent by dividing total SSH taken by 15 credits.

10. EQUIVALENT CREDITS for classes with variable credits:

    (a) Regular subject, self-paced classes: average SH (derived by dividing SSH by number of students).

    (b) Classes with catalog numbers 099, 199, 299: total SSH divided by 10 credit hours.

    (c) Cooperative vocational and cooperative arts and sciences courses: 50 students = 15 credit hours.

11. TEACHING LOAD MEASUREMENTS:

    (a) Average semester hours taught: the quotient obtained by dividing semester hours taught by FTE faculty,

    e.g. $\frac{8,473 \text{ credits taught}}{647.5 \text{ faculty}} = 13.1$

    (b) Productivity ratio: the quotient obtained by dividing student semester hours (SSH) by FTE faculty,

    e.g. $\frac{229,573}{647.5} = 355$

UNIVERSITY OF CALIF.
LOS ANGELES

JAN 20 1978

CLEARINGHOUSE FOR
JUNIOR COLLEGES